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1	US 20060209978 A1	20060921	16	Indoor radio transmission method for parallel radio transmission of digital data substreams and a mobile radio transmission system	375/267
2	US 20060208786 A1	20060921	21	Method and device for clock synchronisation with a vestigial-sideband-modulated transmitted signal	327/354
3	US 20060056563 A1	20060316	33	Method and apparatus for synchronizing clock timing between network elements	375/376
4	US 20060056560 A1	20060316	33	Method and apparatus for synchronizing internal state of frequency generators on a communications network	375/356
5	US 20050163201 A1	20050728	31	Rapid acquisition methods and apparatus for GPS signals	375/150
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7	US 20050129092 A1	20050616	21	Ultra-wideband communication system and method	375/130
8	US 20050123024 A1	20050609	21	Ultra-wideband communication system and method	375/130
9	US 20050100102 A1	20050512	81	Error-corrected wideband holographic communications apparatus and methods	375/242
10	US 20050100076 A1	20050512	81	Adaptive holographic wideband communications apparatus and methods	375/130
11	US 20050084033 A1	20050421	81	Scalable transform wideband holographic communications apparatus and methods	375/295
12	US 20050084032 A1	20050421	81	Wideband holographic communications apparatus and methods	375/295
13	US 20050084031 A1	20050421	81	Holographic communications using multiple code stages	375/295
14	US 20050047480 A1	20050303	29	Ultra wideband transmitter	375/130
15	US 20050041746 A1	20050224	81	Software-defined wideband holographic communications apparatus and methods	375/242
16	US 20050025257 A1	20050203	31	Pilotless, wireless, telecommunications apparatus, systems and methods	375/316
17	US 20040240565 A1	20041202	22	Ultra-wideband communication system and method	375/259

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4		Aweya; James et al.
5		Krasner, Norman F.
6		Santhoff, John et al.
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9	714/786	Gazdzinski, Robert F. et al.
10	375/242	Gazdzinski, Robert F. et al.
11		Rosen, Lowell et al.
12		Rosen, Lowell et al.
13		Rosen, Lowell et al.
14	375/295	Carbonari, David
15		Rosen, Lowell et al.
16		Goldstein, Yuri et al.
17		Santhoff, John et al.

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19	US 20030091097 A1	20030515	16	Agile spread waveform generator	375/132
20	US 20030072363 A1	20030417	56	Adaptive equalization of digital modulating signal recovered from amplitude-modulated signal subject to multipath	375/232
21	US 7200367 B1	20070403	52	Constant gain digital predistortion controller for linearization of non-linear amplifiers	455/91
22	US 7197685 B2	20070327	69	Robust signal transmission in digital television broadcasting	714/756
23	US 7177603 B1	20070213	52	Constant gain digital predistortion controller for linearization of non-linear amplifiers	455/90.1
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25	US 7145961 B2	20061205	29	Ultra wideband transmitter	375/295
26	US 7058369 B1	20060606	53	Constant gain digital predistortion controller for linearization of non-linear amplifiers	455/114.2
27	US 7050491 B2	20060523	54	Adaptive equalization of digital modulating signal recovered from amplitude-modulated signal subject to multipath	375/232
28	US 6975689 B1	20051213	51	Digital modulation signal receiver with adaptive channel equalization employing discrete fourier transforms	375/316
29	US 6836226 B2	20041228	17	Ultra-wideband pulse modulation system and method	341/59

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19		Yap, Daniel et al.
20	375/350	McDonald, James Douglas et al.
21	375/297; 455/114.3	Wright; Andrew S. et al.
22	375/265; 714/784; 714/792	Limberg; Allen LeRoy
23	375/297; 455/114.3	Wright; Andrew S. et al.
24	375/260	Badri; Sabah et al.
25	370/210; 370/276; 370/352; 375/130; 375/257; 375/267; 375/285	Carbonari; David
26	375/297; 455/114.3	Wright; Andrew S. et al.
27	375/219; 375/267; 375/350	McDonald; James Douglas et al.
28	348/726; 348/729; 375/346	McDonald; James Douglas et al.
29	375/239; 375/278	Moore; Steven A.

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31	US 6748022 B1	20040608	29	Single sideband suppressed carrier digital communications method and system	375/289
32	US 6426977 B1	20020730	39	System and method for applying and removing Gaussian covering functions	375/259
33	US 6384858 B1	20020507	29	Suppression of co-channel NTSC interference artifacts when extracting training signal for a DTV receiver equalizer	348/21
34	US 6377312 B1	20020423	37	Adaptive fractionally spaced equalizer for received radio transmissions with digital content, such as DTV signals	348/614
35	US 6335953 B1	20020101	22	Enhanced frequency agile radio	375/344
36	US 6278357 B1	20010821	43	Apparatus and method for implementing digital communications on a power line	375/259
37	US 6075817 A	20000613	45	Compressive communication and storage system	375/240
38	US 6031883 A	20000229	21	Enhanced frequency agile radio	375/344
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40	US 5903555 A	19990511	17	Modulation method and system using constant envelope ODSCDMA with low out-of-band emissions for non-linear amplification	370/342
41	US 5668828 A	19970916	25	Enhanced frequency agile radio	375/136
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31		Walker; Harold R.
32		Lee; Harry B. et al.
33	348/607; 375/346; 375/350	Limberg; Allen LeRoy
34	348/21; 348/607; 348/611; 348/731; 375/328	Limberg; Allen LeRoy et al.
35	455/67.14; 455/71	Sanderford, Jr.; H. Britton et al.
36	340/534; 340/538; 340/538.1 1; 340/870.0 2	Croushore; Timothy M. et al.
37	375/377; 380/42	Gruenberg; Elliot L.
38	331/4; 455/67.14	Sanderford, Jr.; H. Britton et al.
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43	US 5134630 A	19920728	13	Method and apparatus for transparent tone-in-band transmitter, receiver and system processing	375/142
44	US 5063560 A	19911105	14	Spread-spectrum multiplexed transmission system	370/335
45	US 4975926 A	19901204	27	Wireless indoor data communication system	375/141
46	US 4291331 A	19810922	10	Digital processing of N.T.S.C. color television signals	375/240.01
47	US 3959601 A	19760525	15	Variable rate clock signal recovery circuit	375/376
48	US 3728632 A	19730417	15	TRANSMISSION AND RECEPTION SYSTEM FOR GENERATING AND RECEIVING BASE-BAND PULSE DURATION PULSE SIGNALS WITHOUT DISTORTION FOR SHORT BASE-BAND COMMUNICATION SYSTEM	375/256

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46		Devereux; Victor G.
47		Olevsky; Benjamin et al.
48	327/181; 329/312; 343/820; 343/822; 343/908; 455/124; 455/281; 455/41.2	Ross; Gerald F.